

# Admission Booklet 2025-2026



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## I. SRM University-AP: An Introduction

SRM University-*AP* was founded in 2017, but its origin goes back to the establishment of Nightingale School in 1969. SRM's growth was rapid in the following decade, with schools in Engineering, Medicine and Health Sciences, Science and Humanities, Management, and Law. By 2015, SRM grew into three Universities: SRM Institute of Science and Technology, SRM University Haryana, and SRM University Sikkim. SRM University-*AP* was established in the year 2017 as a global institution of world-class opportunities.

SRM University-*AP*, Andhra Pradesh, is located at Neerukonda, Mangalagiri Mandal, Guntur District of Andhra Pradesh, between the major cities Vijayawada and Guntur. The nearest town is Mangalagiri. It is well connected via railways, bus, and airport.

The nearest airport is Vijayawada Airport, which is 40 km away from SRM University-*AP*. The nearest major railway stations are Vijayawada Junction and Guntur Junction, 23 and 31 km away, respectively. NH16 is in close proximity. The nearest major bus stations are in Mangalagiri, Vijayawada, and Guntur.

#### Website: www.srmap.edu.in

## **II. SCHOOL OF ENGINEERING AND SCIENCES (SEAS)**

The School of Engineering and Sciences (SEAS) consists of 10 departments. The school provides a conducive environment for students to pursue their education, unleash hidden skills, and discover latent research abilities - all with the aim of creating entrepreneurs, leaders, and icons of tomorrow. The School of Engineering and Sciences believes in providing research-based education to the students. The faculty members follow active learning pedagogy to improve the quality of the learning experience for the students.

The students joining B.Tech./ B.Sc. (Hons)/ B.Sc./ M.Tech./ M.Sc./ Ph.D. programmes get excellent state-of-the-art laboratory facilities to encourage them to carry out projects of a multidisciplinary nature. The students are given opportunities to get international exposure in reputable foreign institutes like the University of Wisconsin, Madison, UC Davis, Berkely Engineering, efrei Paris, Flinder University, Northeastern University, Asia University etc.

#### **Programmes Offered**

UG - B.Tech., B.Sc. (Hons.), B.Sc.

**PG** - *M*.*Tech., Integrated M*.*Tech., M*.*Sc*.

PhD

Website: https://srmap.edu.in/seashome/

## A. Admission to UG Programmes (B.Tech. & B.Sc. (Hons.)/B.Sc.):

## 1. B.Tech.

B.Tech. [4 year]

## Medium of Instruction: English

SI. No	Programmes	Specialisations
1	Civil Engineering (CE)	Computer-Aided Structural Engineering
	Computer Science and Engineering (CSE)	
	Computer Science and Engineering (CSE) w/s in Artificial Intelligence and Machine Learning (AI/ML)	
	Computer Science and Engineering (CSE) w/s in Cyber Security	
2	Computer Science and Engineering (CSE) w/s in Distributed and Cloud Computing	
	Computer Science and Engineering (CSE) w/s in Big Data Analytics	
	Computer Science and Engineering (CSE) w/s in Internet of Things	
	Computer Science and Engineering (CSE) w/s in Software Product Engineering (Work Integrated Program)	
	Computer Science and Engineering (CSE) w/s in AI & Future Technologies	
		VLSI Design
3	Electronics and Communication Engineering (ECE)	Advanced Communication Systems
5		Advanced Signal Processing using AI/ML
		Embedded Systems and IoT
4	Electronics and Communication Engineering (ECE) – Microelectronics and Semiconductors	
5	Electrical and Electronics Engineering (EEE)	Renewable Energy
		Robotics and Automation
6	Mechanical Engineering (ME)	Additive Manufacturing
		Automotive Engineering

## a) Eligibility Criteria

## Nationality and Age

• Resident Indian or Non-Resident Indian (NRI), holder of PIO or OCI card issued by the Government of India are eligible to apply for SRMJEEE (UG).

**Note**: NRIs, holders of PIO or OCI cards issued by the Government of India who have not taken the SRMJEEE (UG), must apply under the International Student category only.

Students should have attained the age of 16 years and 6 months on the 31<sup>st</sup> of July of the calendar year in which the 12<sup>th</sup> Board examination is to be held.

## b) Eligibility to Apply for Qualifying Examination

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- Passed with Minimum 60% aggregate or equivalent grade in Physics, Mathematics, and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics in 12<sup>th</sup> Standard/Higher secondary examination (10+2 pattern ) /Intermediate (first and second year) or appearing in 12<sup>th</sup> Standard/Higher Secondary examination(10+2 pattern)/Intermediate in the current academic year with Physics and Mathematics as compulsory subjects along with any one of the subjects, Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics as major subjects in regular stream from any state board within India, CBSE, ISCE, Matriculation, or NIOS are eligible to apply. However, admission is confirmed based on meeting the minimum 60% aggregate or equivalent grade in Physics, Mathematics, and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics in 12<sup>th</sup> Standard/Higher secondary examination (10+2 pattern) /Intermediate (first and second year).
- Students applying for Civil, Mechanical, and EEE programs must obtain a minimum aggregate score of 60% or equivalent grade point in 12<sup>th</sup> Standard/Higher secondary examination (10+2 pattern) /Intermediate (first and second year) with a minimum aggregate score of 55% or equivalent grade in Physics, Mathematics, and Chemistry.
- GCE A-Level: Minimum C grade in Physics and Mathematics and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics. Physics and Mathematics should be compulsory subjects along with one of the Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics as major subjects (equivalent to Advanced Placement level in each subject) in any international school within India.
- International Baccalaureate (IB) diploma or IB certificate: Minimum 4 points each in Physics and Mathematics and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics.

2 subjects at Higher Level (HL) (equivalent to Advanced Placement level or Honours) and 1 subject at Standard Level (SL) are mandatory.

Programme	HL	SL/HL
B.Tech. Programmes	Mathematics	Physics and Chemistry / Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics

Note:

- If Computer Science/Information Technology/Informatics Practices are considered for eligibility, then the candidate will be eligible only for B.Tech. CSE and specialisations in Computer Science.
- Chemistry will be required for eligibility in all other programmes (ECE, EEE, Mechanical Engineering, and Civil Engineering).
- Students who have completed +2/Intermediate/equivalent under NIOS must have completed the 10<sup>th</sup> standard/equivalent from regular schooling or vice-versa.
- For the Board of Intermediate Education (Andhra Pradesh), the average of first and second-year marks is considered.

## c) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the qualifying examination i.e., SRMJEEE / SRMAPET.
- The students seeking admission in these two CSE programs (CSE in Software Product Engineering & CSE in AI & Future Technologies) would have to undergo two additional selection rounds. The admission will be based on the SRMJEEE Rank, the performance in the written exam and the interview conducted.
- The student should have obtained SRMJEEE within the cut-off rank for the CSE department
- The student should have cleared the written exam and was shortlisted for interview
- The student should have been selected for admission to the interview.

Students shortlisted through SRMJEEE rank, written exams, and interviews could opt for one of the two CSE programs (CSE in Software Product Engineering & CSE in AI & Future Technologies) offered. The written exam is for shortlisting students, and admission is based on interviews.

o The decision of the admission committee will be final and binding.

## d) Admission Instructions

- B.Tech. programmes listed on the website are indicative only. SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the SRMJEEE (UG)/SRMAPET entrance examination conducted by SRM University-*AP*. Being called for the entrance test and enrolment does not necessarily mean accepting eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks in PCM or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> Standard/ PCM in 12<sup>th</sup> Standard/Intermediate/equivalent should be calculated up to 3

decimal points and not be rounded off to the nearest integer.

- Academic tuition fees, hostel fees, modes of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in their original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel the candidate's admission in case, any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-*AP* hostels will be subject to availability. The allocation will only be done after the tuition fee payment and enrolment procedure are completed.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-*AP* website for the detailed refund policy, timeline and eligibility percentage of tuition fees.

## e) Yearly Tuition Fees and Scholarship:

Yearly Tuition Fees (Subject to Revision)

SI. No	Programmes	Specialisations	Yearly Tuition Fees
1	Civil Engineering (CE)	Computer-Aided Structural Engineering	₹ 2,50,000
	Computer Science and Engineering (CSE)		₹ 4,00,000
	Computer Science and Engineering (CSE) w/s in Artificial Intelligence and Machine Learning (AI/ML)		₹ 4,00,000
	Computer Science and Engineering (CSE) w/s in Cyber Security		₹ 3,60,000
2	Computer Science and Engineering (CSE) w/s in Distributed and Cloud Computing		₹ 3,60,000
	Computer Science and Engineering (CSE) w/s in Big Data Analytics		₹ 3,60,000
	Computer Science and Engineering (CSE) w/s in Internet of Things		₹ 3,60,000
	Computer Science and Engineering (CSE) w/s in Software Product Engineering (Work Integrated Program)		₹ 4,60,000

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	Computer Science and Engineering (CSE) w/s in AI & Future Technologies		₹ 4,60,000
		VLSI Design	₹ 2,50,000
3	Electronics and Communication Engineering (ECE)	Advanced Communication Systems	₹ 2,50,000
		Advanced Signal Processing using AI/ML	₹ 2,50,000
		Embedded Systems and IoT	₹ 2,50,000
4	Electronics and Communication Engineering (ECE)- Microelectronics and VLSI		₹ 2,50,000
5	Electrical and Electronics Engineering (EEE)	Renewable Energy	₹ 2,50,000
6		Robotics and Automation	₹ 2,50,000
	Mechanical Engineering (ME)	Additive Manufacturing	₹ 2,50,000
		Automotive Engineering	₹ 2,50,000

Note: As CSE -Software Product Engineering and CSE – AI & Future Technologies programmes are work-integrated programmes, scholarships do not apply to them. Students have to pay the complete fee of ₹ 4,60,000 to pursue these programmes.

#### Scholarships

## i. Founder's Scholarship

**Objective:** Established in 2017, the scholarship aims to encourage and attract toppers in the qualifying examination (SRMJEEE) who seek admission in the first year of B.Tech.

**Applicability:** Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who is eligible?

Candidates who have obtained SRMJEEE rank within the cut-off rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Rank within the cut-off rank applicable for this scheme in SRMJEEE	<ul> <li>Must fulfil the eligibility criteria for admission to the first year of B.Tech.</li> <li>Attending SRMJEEE counselling is mandatory.</li> </ul>	Awarding of Scholarship during counselling	<ul> <li>i) A student should have a minimum of a 9.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii) A student should have maintained a minimum aggregate attendance of 75% across all courses in the previous year.</li> <li>iii) There should not be any disciplinary action against the student.</li> </ul>

## ii. Merit Scholarship

**Objective**: Established in 2017, the scholarship aims to encourage and attract outstanding candidates in SRMJEEE (UG) to seek admission in the first year of B.Tech.

**Applicability:** Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who is eligible?

Students who are interested in pursuing Engineering programmes and have obtained SRMJEEE rank within the cut-off rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/Remarks	Conditions for renewal
1	Rank within the cut-off rank applicable for this scheme in SRMJEEE	<ul> <li>Must fulfil the eligibility criteria for admission to first-year B.Tech.</li> <li>Attending SRMJEEE counselling is mandatory.</li> </ul>	Awarding of Scholarship during counselling	<ul> <li>i) A student should have a minimum of a 9.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii) A student should have maintained a minimum aggregate attendance of 75% across all courses in the previous year.</li> <li>iii) There should not be any disciplinary action against the student.</li> </ul>

## iii. Equitable Representation Scholarship

**Objective**: SRM University-*AP* strives to advocate for an inclusive, diverse, and accepting community. In this regard, an equitable representation scholarship was instituted in 2023 to award exceptional and talented students who seek admission in the first year of B.Tech. through SRMJEEE (UG) from traditionally underrepresented states & Union Territories at SRM University-*AP*.

Applicability: Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing Engineering programmes and have obtained an SRMJEEE rank within the cut-off rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Rank within the cut-off rank is applicable for this scholarship	to the first seen of D To sh	Awarding of Scholarship during counselling	None

Equitable Representation Scholarship for B.Tech. CSE Programme & CSE with AI & ML (Scholarship does not apply to CSE-Software Product Engineering and CSE-AI & Future Technologies )							
Category	Yearly Tuition Fees (INR)	Concession	Comments	Remarks			
Category A	₹ 40,000	90%	Student should have met the basic eligibility criteria and should have cleared the Category A cutoff in SRMJEEE				
Category B	₹ 100,000	75%	Student should have met the basic eligibility criteria and should have cleared the Category B cutoff in SRMJEEE				
Category C	₹ 2,00,000	50%	Student should have met the basic eligibility criteria and should have cleared the Category C cutoff in SRMJEEE	The Fee is per-year tuition fee applicable for all 4 years			
Category D	₹ 3,00,000	25%	Student should have met the basic eligibility criteria and should have cleared the Category D cutoff in SRMJEEE				
Category E	₹4,00,000	0%	Student should have met the basic eligibility criteria and should have cleared the cutoff in SRMJEEE for the respective categories				

**Note**—There are limited seats available in each category. If seats in a particular category are unavailable, the next category with a higher fee will be allocated. Basic eligibility criteria need to be fulfilled for all categories.

Equitable Representation Scholarship for B.Tech. CSE – Cyber Security, CSE-Distributed and Cloud Computing, CSE-Big Data Analytics, CSE- Internet of Things (Scholarship does not apply to CSE-Software Product Engineering and CSE-AI & Future Technologies )

Category	Yearly Tuition Fees (INR)	Concession	Comments	Remarks
Category A	₹ 36,000	90%	Student should have met the basic eligibility criteria and should have cleared the Category A cutoff in SRMJEEE	
Category B	₹ 90,000	75%	Student should have met the basic eligibility criteria and should have cleared the Category B cutoff in SRMJEEE	
Category C	₹ 1,80,000	50%	Student should have met the basic eligibility criteria and should have cleared the Category C cutoff in SRMJEEE	The Fee is per-year tuition fee applicable for all 4 years
Category D	₹ 2,70,000	25%	Student should have met the basic eligibility criteria and should have cleared the Category D cutoff in SRMJEEE	
Category E	₹ 3,60,000	0%	Student should have met the basic eligibility criteria and should have cleared the cutoff in SRMJEEE for the respective categories	

**Note**—There are limited seats available in each category. If seats in a particular category are unavailable, the next category with a higher fee will be allocated. Basic eligibility criteria need to be fulfilled for all categories.

## Equitable Representation Scholarship for B.Tech. – ECE, EEE, Civil and Mechanical Engineering Programmes

SRM <i>AP</i> Non-CSE Merit-Based Yearly Tuition Fee Category	Yearly Tuition Fee (INR)	Concession	Comments	Remarks
Category A	₹ 25,000	90%	Student should have met the basic eligibility criteria and should have cleared the Category A cutoff in SRMJEEE	
Category B	₹ 62,500	75%	Student should have met the basic eligibility criteria and should have cleared the Category B cutoff in SRMJEEE	
Category C	₹ 1,25,000	50%	Student should have met the basic eligibility criteria and should have cleared the Category C cutoff in SRMJEEE	The Fee is per-year tuition fee applicable for all 4 years
Category D	₹ 1,87,500	25%	Student should have met the basic eligibility criteria and should have cleared the Category D cutoff in SRMJEEE	
Category E	₹ 2,50,000	0%	Student should have met the basic eligibility criteria and should have cleared the cutoff in SRMJEEE for the respective categories	

**Note**—There are limited seats available in each category. If seats in a particular category are unavailable, the next category with a higher fee will be allocated. Basic eligibility criteria need to be fulfilled for all categories.

#### List of all Scholarships is Available in Section V

## 2. B.Sc. (Hons.) / B.Sc.

#### B.Sc. (Hons.) - 4 Years / B.Sc. - 3 years

#### Medium of Instruction: English

SI. No	Degree	Programme	Specialisations
		Integrative Biology	NA
		Chemistry	NA
1	B.Sc.	Physics	NA
L		Computer Science	Artificial Intelligence and Machine Learning
		Computer Science	Big Data Analytics
		Mathematics	NA

## a) Eligibility Criteria

#### Nationality and Age

- Resident Indian or Non-Resident Indian (NRI), holder of PIO or OCI card issued by the Government of India can apply for the selection process.
- Students should have attained the age of 16 years and 6 months on the 31<sup>st</sup> of July of the calendar year in which the 12<sup>th</sup> Board examination is to be held.

#### **Eligibility to Apply**

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- A minimum aggregate score of 60% or equivalent grade point in 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) from any Indian education board recognised by the Board of Higher Secondary Education, Delhi (CBSE, CISCE, and State Education Boards recognised by the Board of Higher Secondary Education) (https://www.cobse.org.in/recognized-educational-boards-list/) (or) minimum grade of 'C' in GCE A-level examination (or) overall minimum of 24 points in International Baccalaureate (IB) diploma or IB certificate.
- Students appearing for their 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) final board examinations in the current academic year are also eligible to apply. However, admission is confirmed based on meeting the minimum aggregate score of 60% or equivalent grade point.

Note:

- Students who have completed +2/Intermediate/equivalent under NIOS must have completed the 10<sup>th</sup> standard/equivalent from regular schooling or vice-versa.
- For the Board of Intermediate Education (Andhra Pradesh), average of first and second-year marks is considered.

## b) Criteria for Admission

- Admission will be based on meeting the eligibility criteria listed and the performance in the interview.
- The decision of the admission committee will be final and binding.

## c) Admission Instructions

- B.Sc. programmes listed on the website are indicative only. SRM University-AP reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the entrance examination/interview conducted by SRM University-AP. Being called for the entrance test/interview and enrolment does not necessarily mean an acceptance of eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria, such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and the minimum percentage in the 10<sup>th</sup> standard, shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> Standard/12<sup>th</sup> Standard/Intermediate/equivalent should be calculated up to 3 decimal points and not be rounded off to the nearest integer.
- Academic tuition fees, hostel fees, mode of payment and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel a candidate's admission in case any discrepancy is noticed during the verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will be done only after the complete payment of the tuition fees and enrolment procedure.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.

 Refund Policy: Candidates are requested to visit the SRM University-AP website for the detailed refund policy, timeline and eligibility percentage of tuition fee.

## d) Yearly Tuition Fees & Scholarships:

Yearly Tuition Fee: ₹ 1,55,000 (Subject to revision)

Scholarships

## i. Academic Excellence Scholarship

**Objective**: Instituted in the year 2023, the scholarship aims to encourage and attract outstanding candidates to seek admission in the first year of non-engineering programmes.

Applicability: Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing non-engineering programmes.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Meet the merit requirement as specified for the programme	Must fulfil the eligibility criteria for admission to first-year	Awarding of Scholarship during counselling	None

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	Academic Excellence Scholarship for B.Sc. (Hons.)/B.Sc.						
Eligibility						Remarks	
Category	Yearly Tuition Fees (INR)	JEE Percentile	Scholarship Exam (score in %)	12 <sup>th</sup> average- CBSE/ICSE (score in %)	12 <sup>th</sup> average - Other boards (score in %)	The Fee is per-year tuition fee	
Category A	₹0	95.00-Above	95.00-Above	95.00-Above	98.00-Above	applicable for all 4 years	
Category B	₹ 42,500	90.00-94.99	90.00-94.99	90.00-94.99	95.00-97.99		
Category C	₹ 80,000	70.00-89.99	70.00-89.99	70.00-89.99	75.00-94.99		
Category D	₹ 1,55,000	<70.00	<70.00	60.00-69.99	60.00-74.99		

**Note** - There are limited seats available in each category. If seats in a particular category are unavailable, the next category with a higher fee will be allocated. Basic eligibility criteria need to be fulfilled for all categories.

List of all Scholarships is Available in Section V

## B. Admission to PG Programmes (M.Tech. & M.Sc.):

## 1. M.Tech.

M.Tech. [2 Years]

Medium of Instruction: English

## a) Programmes Offered

SI. No	Department	Programme
1	Computer Science and Engineering (CSE)	M.Tech Artificial Intelligence and Machine Learning M.Tech Data Science M.Tech Cyber Security
2	Electronics and Communication Engineering (ECE)	M.Tech. – Embedded Systems and IOT M.Tech VLSI
3	Mechanical Engineering (ME)	M.Tech Materials and Manufacturing Technology M.Tech Thermal Engineering
4	Environmental Science and Engineering (ESE)	M.Tech – Environmental and Sustainable Engineering

## b) Eligibility & Admission Criteria

• Resident or Non-Resident Indian (NRI) holders of PIO or OCI cards issued by the Government of India can apply for the selection process.

## c) Eligibility to Apply

• A minimum aggregate score of 60% or equivalent grade point in Standard Class X, XII, and applicable/relevant UG programme.

#### **Relevant UG Programmes:**

- Computer Science and Engineering (CSE) (M.Tech. in AI & ML, M.Tech. in Data Science and M.Tech. in Cyber Security) B.E./B.Tech. in CSE/IT/SWE (or)
   M.Sc. (CSE/IT) or MCA.
- Electronics and Communication Engineering (ECE) (M.Tech. in IOT, M.Tech. in VLSI) B.E./B.Tech. in Electronic Engineering Branches such as ECE, EEE, and EIE.
- Mechanical Engineering (M.Tech. in Materials and Manufacturing Technology & M.Tech. in Thermal Engineering) B.E./B.Tech. in Mechanical, Manufacturing, Metallurgy, and Production Engineering.
- Environmental Science and Engineering (M.Tech in Environmental and Sustainable Engineering) B.E/B.Tech. in Environmental Eng./Civil Eng./Chemical Eng./Energy & Env./Agriculture or relevant fields (or) M.Sc. in Environmental Science or relevant fields

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the GATE (or equivalent SRM Entrance Test) and personal interview.
- The decision of the admission committee will be final and binding.

## e) Admission Instructions

- M.Tech. programmes listed on the website are indicative only. SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be purely based on the performance in the entrance examination/interview conducted by SRM University-*AP*. Being called for the entrance test/interview and enrolment does not necessarily mean accepting eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard and 12<sup>th</sup> Standard shall be as prescribed by the SRM University-AP from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> standard/12<sup>th</sup> Standard/ Intermediate/ B.E./ B.Tech./ equivalent should be calculated up to 3 decimal points and not rounded to the nearest integer.
- Academic tuition fees, hostel fees, mode of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in their original during enrolment before the date stipulated by the university.

- Even after admission, the university reserves all rights to cancel the candidate's admission in case, any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will only be done after the tuition fees, and enrolment procedure is completed.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-AP website for the detailed refund policy, timeline, and eligibility percentage of tuition fees.

## *f) Yearly Tuition Fees & Scholarships:*

#### Yearly Tuition Fees: ₹ 1,50,000 (Subject to revision)

#### Scholarships

- 1. All Admitted students will be given a scholarship of 100% of Tuition Fees.
- 2. All Admitted students will be given a monthly fellowship of ₹ 6000.

#### **Scholarship Policy:**

- 1. Scholarship will be awarded at the University's sole discretion.
- 2. Scholarship is applicable to the tuition fees of the programme.
- 3. Terms and conditions would apply to all scholarship plans.
- 4. Scholarships are not guaranteed to all candidates fulfilling all the criteria.
- 5. There are a limited number of scholarships which will be served on a first-come-first-served basis and will be withdrawn in case the offer is not accepted by the offer acceptance deadline date.
- 6. The management reserves the right to change the scholarship policy at their discretion from time to time.
- 7. At any point of time during an academic year, a student can avail of benefits from one scholarship plan only. In the case of a student being eligible for a scholarship under multiple scholarship plans, he/she will be considered for the scholarship plan offering the highest amount of benefit.
- 8. To maintain/renew a scholarship in the subsequent year(s):
  - I. A student should have a minimum of 8.00 CGPA at the end of the preceding academic year without any outstanding arrears.
  - II. A student should have maintained a minimum of aggregate 75% attendance across all courses in the previous year.
  - III. There should not have been any disciplinary action against the student.

## 2. Integrated M.Tech.

Integrated M.Tech. (CSE) [5 years]

Medium of Instruction: English

## a) Programmes Offered

SI. No	Degree	Programme	Specialisation	
1	Integrated M.Tech. (CSE)	Computer Science and	Data Science	
		Engineering	Artificial Intelligence and Machine Learning	

## b) Eligibility Criteria

#### Nationality and Age

- Resident Indian or Non-Resident Indian (NRI), holder of PIO or OCI card issued by the Government of India are eligible to apply for SRMJEEE (UG).
   Note: NRIs, holders of PIO or OCI cards issued by the Government of India who have not taken the SRMJEEE (UG), must apply under the international student category only.
- Students should have attained the age of 16 years and 6 months on the 31<sup>st</sup> of July of the calendar year in which the 12<sup>th</sup> Board examination is to be held.

## c) Eligibility to Apply

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- Passed with Minimum 60% aggregate or equivalent grade in Physics, Mathematics, and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics in 12<sup>th</sup> Standard/Higher secondary examination (10+2 pattern ) /Intermediate (first and second year) or appearing in 12<sup>th</sup> Standard/Higher Secondary examination(10+2 pattern)/Intermediate in the current academic year with Physics and Mathematics as compulsory subjects along with any one of the subjects, Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering

#### Admission Booklet AY 2025 - 2026

Graphics as major subjects in regular stream from any state board within India, CBSE, ISCE, Matriculation, or NIOS are eligible to apply. However, admission is confirmed based on meeting the minimum 60% aggregate or equivalent grade in Physics, Mathematics, and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics in 12<sup>th</sup> Standard/Higher secondary examination (10+2 pattern) /Intermediate (first and second year).

- GCE A-Level: Minimum C grade in Physics and Mathematics and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics. Physics and Mathematics should be compulsory subjects along with one of the Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics as major subjects (equivalent to Advanced Placement level in each subject) in any international school within India.
- International Baccalaureate (IB) diploma or IB certificate: Minimum 4 points each in Physics and Mathematics and Chemistry/ Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics.

2 subjects in Higher Level (HL)(equivalent to Advanced Placement level or Honors) and 1 subject in Standard Level (SL) is mandatory.

Programme	HL	SL/HL
Integrated M.Tech. Programme	Mathematics	Physics and Chemistry / Computer Science/ Information Technology/ Informatics Practices/ Engineering Graphics

#### Note:

 If Computer Science/ Information Technology/ Informatics Practices are considered for eligibility, then the candidate will be eligible only for Integrated M.Tech. (CSE) and specialisations in Computer Science.

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the qualifying examination i.e., SRMJEEE / SRMAPET.
- o The decision of the admission committee will be final and binding.

## e) Admission Instructions

- Integrated M.Tech. programme listed on the website are indicative only. SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the SRMJEEE (UG)/SRMAPET entrance examination conducted by SRM University-*AP*. Being called for the entrance test and enrolment does not necessarily mean accepting eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks in PCM or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> Standard/ PCM in 12<sup>th</sup> Standard/Intermediate/equivalent should be calculated up to 3

decimal points and not be rounded off to the nearest integer.

- Academic tuition fees, hostel fees, mode of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in their original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel the candidate's admission in case, any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will only be done after the tuition fee payment and enrolment procedure are completed.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-AP website for the detailed refund policy, timeline and eligibility percentage of tuition fees.

## *f)* Yearly Tuition Fees and Scholarship:

Yearly Tuition Fees: ₹ 3,00,000 (Subject to revision)

#### Scholarships

## i. Founder's Scholarship

**Objective:** Instituted in the year 2017, the scholarship aims to encourage and attract toppers in the qualifying examination (SRMJEEE) who seek admission in the first year of B.Tech.

**Applicability:** Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who is eligible?

Candidates who have obtained SRMJEEE rank within the cut-off rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Rank within the cut-off rank is applicable for this scholarship	<ul> <li>Must fulfil the eligibility criteria for admission to the first year of B.Tech.</li> <li>Attending SRMJEEE counselling is mandatory.</li> </ul>	Awarding of Scholarship during counselling	<ol> <li>A student should have a minimum of 9.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>A student should have maintained a minimum aggregate attendance of 75% across all courses in the previous year.</li> <li>There should not be any disciplinary action against the student.</li> </ol>

## ii. Merit Scholarship

**Objective**: Instituted in the year 2017, the scholarship aims to encourage and attract outstanding candidates in SRMJEEE (UG) to seek admission in the first year of B.Tech.

**Applicability:** Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who is eligible?

Students who are interested in pursuing Engineering programmes and have obtained SRMJEEE rank within the cutoff rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/Remark s	Conditions for renewal
1	Rank within the cut- off rank applicable for this scholarship	<ul> <li>Must fulfil the eligibility criteria for admission to first-year B.Tech.</li> <li>Attending SRMJEEE counselling is mandatory</li> </ul>	Awarding of Scholarship during counselling	<ol> <li>A student should have a minimum of 9.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>A student should have maintained a minimum aggregate attendance of 75% across all courses in the previous year.</li> <li>There should not be any disciplinary action against the student.</li> </ol>

## iii. Equitable Representation Scholarship

**Objective**: SRM University-*AP* strives to advocate for an inclusive, diverse, and accepting community. In this regard, an equitable representation scholarship was instituted in 2023 to award exceptional and talented students who seek admission in the first year of B.Tech. through SRMJEEE (UG) from traditionally underrepresented states & Union Territories at SRM University-*AP*.

Applicability: Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing Engineering programmes and have obtained an SRMJEEE rank within the cut-off rank.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Rank within the cut-off rank applicable for this scholarship	to the first year of D Took	Awarding of Scholarship during counselling	None

#### Admission Booklet AY 2025 - 2026

	Equitable Representation Scholarship for Integrated M.Tech. Programme					
Category	Category Yearly Tuition Fees (INR) Concession Comment		Comment	Remarks		
Category A	₹ 30,000	90%	Student should have met the basic eligibility criteria and should have cleared the Category A cutoff in SRMJEEE			
Category B	₹ 75,000	75%	Student should have met the basic eligibility criteria and should have cleared the Category B cutoff in SRMJEEE			
Category C	₹ 1,50,000	50%	Student should have met the basic eligibility criteria and should have cleared the Category C cutoff in SRMJEEE	The Fee is per-year tuition fee applicable for all 5 years		
Category D	₹ 2,25,000	25%	Student should have met the basic eligibility criteria and should have cleared the Category D cutoff in SRMJEEE			
Category E	₹ 3,00,000	0%	Student should have met the basic eligibility criteria and should have cleared the cutoff in SRMJEEE for the respective categories			

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

List of all Scholarships is Available in Section V

## 3. M.Sc.

M.Sc. [2 Years]

Medium of Instruction: English

## a) Programmes Offered

SI. No	Programme	Specialisation
		Quantum Technologies
1	Physics	Condensed Matter Physics
		Astrophysics and Cosmology
2	Environmental Science	NA
		Industrial Chemistry
3	Chemistry	Computational Chemistry
		Analytical Chemistry
		Organic Chemistry
		Pure Mathematics
4	Mathematics	Applied Mathematics
		Data Science and Industrial Mathematics
5	Molecular Biology and Biotechnology	NA

## b) Eligibility & Admission Criteria

#### Nationality and Age

• Resident or Non-Resident Indian (NRI), holders of PIO or OCI card issued by the Government of India are eligible to apply for the selection process.

## c) Eligibility to Apply

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- A minimum aggregate score of 60% or equivalent grade point in 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) from any Indian education board recognised by the Board of Higher Secondary Education, Delhi (CBSE, CISCE, and State Education Boards recognised by the Board of Higher Secondary Educational-boards-list/) (or) minimum grade of 'C' in GCE A-level examination (or) overall minimum of 24 points in International Baccalaureate (IB) diploma or IB certificate.
- A minimum aggregate score of 60% or equivalent grade point in a relevant UG Degree.

Sl. No.	Programme	Eligibility – Relevant Degree
1	Physics	Bachelor's degree in science with Physics as a major or Honours subject from any recognised Indian or foreign university (foreign recognition for being as per AIU list) with 60% or above marks or equivalent grade in aggregate. OR Graduation in any branch of Science or Engineering with Physics and Mathematics as two of the Subjects of study with 60% or above marks or equivalent grade in aggregate.
2	Environmental Science	The candidate must hold a B.Sc. / B.Sc. (Hons.) degree from a recognised university with at least 60% of total marks in relevant subjects such as Zoology, Botany, Chemistry, Physics, Life Science, or earth Sciences.
3	Chemistry	Bachelor's degree in science with Chemistry as a major or Honours subject at the graduate level from a recognised Indian or foreign university (as per the AIU foreign equivalence list) having secured a minimum of 60% aggregate are eligible to apply.
4	Mathematics	Bachelor's degree in science with Mathematics as a major or Honours subject at the graduate level from a recognised Indian or foreign university (as per the AIU foreign equivalence list) having secured a minimum of 60% aggregate are eligible to apply.
5	Molecular Biology and Biotechnology	Bachelor's degree in science with any subject in Biology as a major or Honours subject. Or a Major or one subject in all 3 years of study in Zoology/ Botany/ Biochemistry/Microbiology/ Life Sciences/ Biosciences/ Biotechnology/ Biology/Genetics/ Agricultural Sciences/Plant sciences/ Animal Sciences with a minimum of 60% marks. All foreign qualifications should be recognised by AIU as equivalent (as mentioned in the other master's degree).

• Students appearing for their relevant UG final board examinations in the current academic year are also eligible to apply. However, admission is confirmed based on meeting the minimum aggregate score of 60% or equivalent grade point.

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the interview.
- The decision of the admission committee will be final and binding.

## e) Admission Instructions

- M.Sc. programmes listed on the website are indicative only. SRM University-AP reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the entrance examination/interview conducted by SRM University-*AP*. Being called for the entrance test/interview and enrolment does not necessarily mean an acceptance of eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard and 12<sup>th</sup> standard shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> standard/12<sup>th</sup> Standard/Intermediate/UG degree/equivalent should be calculated up to 3 decimal points and should not be rounded off to the nearest integer.
- Academic tuition fees, hostel fees, mode of payment and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel a candidate's admission in case any discrepancy is noticed during the verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will be done only after the complete payment of the tuition fees and enrolment procedure.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-AP website for the detailed refund policy, timeline and eligibility percentage of tuition fees.

## f) Yearly Tuition Fees & Scholarships:

Yearly Tuition Fee: ₹ 1,00,000 (Subject to revision)

Scholarships

## i. Academic Excellence Scholarship

**Objective**: Instituted in the year 2023, the scholarship aims to encourage and attract outstanding candidates to seek admission in the first year of non-engineering programmes.

**Applicability:** Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing non-engineering programmes.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Meet the merit requirement as specified for the programme	Must fulfil the eligibility criteria for admission to first-year	Awarding of Scholarship during counselling	None

Academic Excellence Scholarship for M.Sc.						
Category	Yearly Tuition Fees (INR)		Eligibility		Remarks	
		Concession	UG Percentage	UG CGPA		
Category A	₹0	100%	85.00 -Above	9.00 Above	The Fee is per-	
Category B	₹ 25,000	75%	75.00-84.99	8.00-8.99	year tuition fee applicable for	
Category C	₹ 50,000	50%	65.00-74.99	7.00-7.99	all 2 years	
Category D	₹ 1,00,000	0%	60.00-64.99	6.00-6.99		

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

List of all Scholarships is Available in Section V

## **III. Easwari School of Liberal Arts**

The Easwari School of Liberal Arts consists of 7 departments. Our Liberal Arts and Social Science programmes will help students interpret and experience the world around them. Invaluable skills like communication, critical thinking and problem-solving are the core of this programme. Our undergraduate and doctoral programmes aim to provide students with the knowledge, skills, and intellectual foundation - across humanities and social sciences - for a competitive advantage and enduring career success.

#### **Programmes Offered**

**UG** - *B.A.* (Hons.)/*B.A.*, *B.Sc.* (Hons.)/*B.Sc.* 

PhD

## A. Admission to UG Programmes (B.A. and B.Sc.):

B.A. (Hons.) - 4 Years / B.A. - 3 Years, B.Sc. (Hons.) - 4 Years / B.Sc.- 3 Years

## C. Medium of Instruction: English

#### a) UG Programmes Offered

SI. No	Degree	Programme	
	B.A.	English	
		Media Studies	
1		Political Science	
		Sociology and Anthropology	
		History	
2	D Co	Psychology	
2	B.Sc.	Economics	

## b) Eligibility Criteria

#### Nationality and Age

- Resident or Non-Resident Indian (NRI) holders of PIO or OCI card issued by the Government of India are eligible to apply for the selection process.
- Students should have attained the age of 16 years and 6 months on the 31<sup>st</sup> of July of the calendar year in which the 12<sup>th</sup> Board examination is to be held.

## c) Eligibility to Apply

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- A minimum aggregate score of 60% or equivalent grade point in 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) from any Indian education board recognised by the Board of Higher Secondary Education, Delhi (CBSE, CISCE, and State Education Boards recognised by the Board of Higher Secondary Educational-boards-list/) (or) minimum grade of 'C' in GCE A-level examination (or) overall minimum of 24 points in International Baccalaureate (IB) diploma or IB certificate.
- Students appearing for their 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) final board examinations in the current academic year are also eligible to apply. However, admission is confirmed based on meeting the minimum aggregate score of 60% or equivalent grade point.

Note:

- Students who have completed +2/Intermediate/equivalent under NIOS must have completed the 10<sup>th</sup> standard/equivalent from regular schooling or vice-versa.
- For the Board of Intermediate Education (Andhra Pradesh), average of first and second-year marks is considered.

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the interview.
- The decision of the admission committee will be final and binding.

## e) Admission Instructions

- B.A. (Hons.)/B.A./ B.Sc. (Hons.)/ B.Sc. programmes listed on the website are indicative only. The SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the entrance examination/interview conducted by SRM University-AP. Being called for the entrance test/interview and enrolment does not necessarily mean an acceptance of eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in the 10<sup>th</sup> Standard/12<sup>th</sup> Standard/Intermediate/equivalent should be calculated up to 3 decimal points and not be rounded off to the nearest integer.
- Academic tuition fees, hostel fees, mode of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) their original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel the candidate's admission in case any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will only be done after the tuition fee payment and enrolment procedure are completed.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-*AP* website for the detailed refund policy, timeline, and eligibility percentage of tuition fees.

## f) Yearly Tuition Fees & Scholarships:

Yearly Tuition Fee: ₹ 1,55,000 (Subject to revision)

#### Scholarships

### i. Academic Excellence Scholarship

**Objective**: Instituted in the year 2023, the scholarship aims to encourage and attract outstanding candidates to seek admission in the first year of non-engineering programmes.

Applicability: Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing non-engineering programmes.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal		
1	Meet the merit requirement as specified for the programme	Must fulfil the eligibility criteria for admission to first-year	Awarding of Scholarship during counselling	None		

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

#### Admission Booklet AY 2025 - 2026

Academic Excellence Scholarship (B.A. (Hons)/B.A./B.Sc. (Hons)/B.Sc.)											
			Remarks								
Category	Yearly Tuition Fees (INR)	SAT	Scholarship Exam (score in percentage)	12 <sup>th</sup> average-     12 <sup>th</sup> average-       CBSE/ICSE/IB/IGCSE (score in percentage)     Other board in percentage							
Category A	₹0	1300 -Above	95.00-Above	90.00-Above	95.00-Above	The Fee is per-year tuition fee					
Category B	₹ 42,500	1250-1299	90.00-94.99	85.00-89.99	90.00-94.99	applicable for all 4					
Category C	₹ 80,000	1100-1249	70.00-89.99	65.00-84.99	70.00-89.99	years					
Category D	₹ 1,55,000	<1100	<70.00	60.00-64.99	60.00-69.99						

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

## **IV. PAARI SCHOOL OF BUSINESS**

The Paari School of Business offers excellent, high-quality, and cutting-edge programmes in Commerce and Management. We offer programmes at all levels: B.Com. (Hons.)/ B.Com./ BBA (Hons.)/ BBA, MBA, and PhD. Our Commerce programme is taught to understand the nuts and bolts of business, be it Accounting, Finance, HR or Analytics. Our BBA programme successfully moulds young school students to become executives, entrepreneurs or students in post-graduate courses, depending on their aptitude and inclination. The MBA programme is geared towards creating the modern-day manager/leader or entrepreneur equipped with the skills necessary to succeed in the corporate world. Finally, the PhD programme creates excellent researchers and faculty who will mould young minds in other institutes and universities of repute.

#### **Programmes Offered**

**UG** - BBA (Hons.)/BBA

B.Com.(Hons.)/B.Com

PG – MBA

PhD

Website: <a href="https://srmap.edu.in/seams/management/">https://srmap.edu.in/seams/management/</a>

### A. Admission to UG Programmes (BBA and B.Com.):

BBA (Hons.) - 4 years /BBA - 3 years

B.Com. (Hons.) - 4 Years / B.Com. - 3 Years

Medium of Instruction: English

## a) UG Programmes Offered

SI. No	Degree	Programme	Specialisations
			Finance
			Marketing
1	BBA	Business Administration	Human Resource Management
1		Business Aurimistration	Business Analytics
			Entrepreneurship and Family Business
			Operations
2	B.Com.	Commerce	CA Integrated
2	5.0011.	commerce	Fintech & Banking

## b) Eligibility Criteria

#### Nationality and Age

- Resident or Non-Resident Indian (NRI) holders of PIO or OCI card issued by the Government of India are eligible to apply for the selection process.
- Students should have attained the age of 16 years and 6 months on the 31<sup>st</sup> of July of the calendar year in which the 12<sup>th</sup> Board examination is to be held.

## c) Eligibility to Apply

- A minimum aggregate score of 60% or equivalent grade point in Class X.
- A minimum aggregate score of 60% or equivalent grade point in 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) from any Indian education board recognised by the Board of Higher Secondary Education, Delhi (CBSE, CISCE, and State Education Boards recognised by the Board of Higher Secondary Education) (https://www.cobse.org.in/recognized-educational-boards-list/) (or) minimum grade of 'C' in

GCE A-level examination (or) overall minimum of 24 points in International Baccalaureate (IB) diploma or IB certificate.

 Students appearing for their 12<sup>th</sup> Standard / Higher Secondary Examination (10+2) / Intermediate (First and Second year) final board examinations in the current academic year are also eligible to apply. However, admission is confirmed based on meeting the minimum aggregate score of 60% or equivalent grade point.

#### Note:

- Students who have completed +2 under NIOS must have completed the 10<sup>th</sup> standard from regular schooling or vice-versa.
- For the Board of Intermediate Education (Andhra Pradesh), the average of first and second-year marks is considered.

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the interview.
- The decision of the admission committee will be final and binding.

## e) Admission Instructions

- BBA (Hons.)/ BBA/ B.Com. (Hons.)/ B.Com. programmes listed on the website are indicative only. The SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the entrance examination/interview conducted by SRM University-AP. Being called for the entrance test/interview and enrolment does not necessarily mean an acceptance of eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> class shall be as prescribed by the SRM University-*AP* from time to time.
   Note: The aggregate percentage of marks obtained in 10<sup>th</sup> standard/12<sup>th</sup> Standard/Intermediate/equivalent should be calculated up to 3 decimal points and not be rounded off to the nearest integer.
- Academic tuition fees, hostel fees, mode of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in their original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel the candidate's admission in case, any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will only be done after the tuition fee payment and

enrolment procedure are completed.

- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-*AP* website for the detailed refund policy, timeline, and eligibility percentage of tuition fees.

### f) Yearly Tuition Fees:

Yearly Tuition Fee:

BBA - ₹ 2,55,000 (Subject to revision)

B.Com. - ₹ 1,87,000 (Subject to revision)

#### Scholarships

### i. Academic Excellence Scholarship

**Objective**: Instituted in the year 2023, the scholarship aims to encourage and attract outstanding candidates to seek admission in the first year of non-engineering programmes.

Applicability: Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing non-engineering programmes.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Meet the merit requirement as specified for the programme	Must fulfil the eligibility criteria for admission to first-year	Awarding of Scholarship during counselling	None

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

Academic Excellence Scholarship (BBA (Hons)/BBA)												
		Eligibility										
Category	Yearly Tuition Fees (INR)	IPMAT/SET/NP AT/JIPMER/AI MA UGAT (score in %)	SAT (score)	Scholarship Exam (score in %age)	12th average- CBSE/ICSE (score in %age)	12th average- Other boards (score in %age)	The Fee is per-year tuition fee					
Category A	₹ 67,500	95.00-Above	1300-Above	95.00-Above	95.00-Above	95.00-Above	applicable					
Category B	₹ 1,30,000	90.00-94.99	1200-1299	90.00-94.99	90.00-94.99	91.00-94.99	for all 4					
Category C	₹ 1,91,250	70.00-89.99	1100-1199	75.00-89.99	70.00-89.99	75.00-90.99	years					
Category D	₹ 2,55,000	60.00-69.99	<1100	<75.00	60.00-69.99	60.00-74.99						

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

	Academic Excellence Scholarship (B.Com. (Hons.) /B.Com. – CA Integrated and Fintech & Banking )													
	Yearly Tuition Fees (INR)		Remarks											
Category		IPMAT/SET/NPAT	SAT	Scholarship Exam (score in %)	12 <sup>th</sup> average - CBSE/ICSE/IB/IGCSE (score in %)	12 <sup>th</sup> average - Other boards (score in %)								
Category A	₹ 32,000	95.00-Above	1300-Above	95.00-Above	90.00-Above	95.00-Above	The Fee is per-year tuition fee applicable							
Category B	₹ 74,500	90.00-94.99	1250-1299	90.00-94.99	85.00-89.99	90.00-94.99	for all 4 years							
Category C	₹ 1,12,000	70.00-89.99	1100-1249	70.00-89.99	65.00-84.99	70.00-89.99								
Category D	₹ 1,87,000	60.00-69.99	<1100	<70.00	60.00-64.99	60.00-69.99								

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

## B. Admission to PG Programmes (MBA):

MBA Admissions [2 year]

Medium of Instruction: English

## a) PG Programmes Offered

SI. No	Degree	Programme	Specialisations
	MBA		Finance
			Marketing
			Human Resource Management
1		Business Administration	Business Analytics
			Entrepreneurship and Family Business
			Operations
			Agribusiness Management

## b) Eligibility Criteria

#### Nationality

• Resident or Non-Resident Indian (NRI) holders of PIO or OCI card issued by the Government of India are eligible to apply for the selection process.

## c) Eligibility to Apply

• A minimum aggregate score of 60% or equivalent grade point in Class X, XII and UG Degree.

## d) Criteria for Admission

- Admission will be based on meeting the eligibility conditions listed and the performance in the SRMAP-MAT/SRMJEEM/CAT/XAT/GMAT (or equivalent) and personal interview.
- o The decision of the admission committee will be final and binding.

## e) Admission Instructions

- MBA programmes listed on the website are indicative only. The SRM University-*AP* reserves the right to add and remove programmes and amend the list depending on the viability of offering the same.
- Admission will be based purely on performance in the entrance examination/interview conducted by SRM University-AP. Being called for the entrance test/interview and enrolment does not necessarily mean an acceptance of eligibility. It is the responsibility of the candidates to ascertain whether they possess the requisite eligibility for admission.
- Eligibility criteria such as the minimum percentage of marks or CGPA obtained by the candidate in the qualifying examination and minimum percentage in the 10<sup>th</sup> standard and 12<sup>th</sup> standard shall be as prescribed by the SRM University-*AP* from time to time.

**Note:** The aggregate percentage of marks obtained in 10<sup>th</sup> Standard/ 12<sup>th</sup> Standard/Intermediate/UG degree/equivalent should be calculated up to 3 decimal points and not be rounded off to the nearest integer.

- Academic tuition fees, hostel fees, mode of payment, and refund policies will be available on the university website.
- The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents pertaining to admission (such as Marks Statements, Transfer Certificate, Conduct Certificate, etc.) in their original during enrolment before the date stipulated by the university.
- Even after admission, the university reserves all rights to cancel the candidate's admission in case any discrepancy is noticed on verification of facts from the original certificates/documents. The decision shall be final and binding on the candidate. The university cannot be held responsible for any loss or damage arising from such cancellations of admissions.
- Accommodation in SRM University-AP hostels will be subject to availability. The allocation will only be done after the tuition fee payment and enrolment procedure are completed.
- All disputes are subject to the jurisdiction of the courts only at Vijayawada.
- Refund Policy: Candidates are requested to visit the SRM University-*AP* website for the detailed refund policy, timeline, and eligibility percentage of tuition fees.

## f) Yearly Fees & Scholarships:

Yearly Fee: ₹ 5,40,000 (Subject to revision)

#### Scholarships

i. Academic Excellence Scholarship

**Objective**: Instituted in the year 2023, the scholarship aims to encourage and attract outstanding candidates to seek admission in the first year of non-engineering programmes.

**Applicability:** Applicable for the duration of the programme, and the scholarship is renewed without any condition.

#### Who is eligible?

Students who are interested in pursuing non-engineering programmes

S. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Meet the merit requirement as specified for the programme	Must fulfil the eligibility criteria for admission to first year	Awarding of Scholarship during counselling	None

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

	Academic Excellence scholarship fees structure for MBA (0-2 years relevant work experience)												
				Eligibility			Remarks						
Category	Yearly Fees (INR) (Tuition+ Hostel)	CAT/XAT (%ile)	MAT/CMAT/AT MA (%ile)	NMAT (Score)	GMAT (score)	SRMAP MAT/SRMJEEM (score in %age)	The Fee						
Category A	₹ 135,000	85.00-Above	90.00-Above	200-Above	720-Above	90.00-Above	(Tuition+Hostel) is per- year fee						
Category B	₹ 270,000	80.00-84.99	85.00-89.99	190-199	700-719	85.00-89.99	applicable for all 2 years						
Category C	₹ 405,000	65.00-79.99	70.00-84.99	160-189	600-699	70.00-84.99							
Category D	₹ 540,000	<65.00	<70.00	<160	<600	<70.00							

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

		Academic Exce	ellence scholarsh	e scholarship fees structure for MBA (> 2 years relevant work experience)						
				Eligibility			Remarks			
Category	Yearly Fees (INR) (Tuition+ Hostel)	CAT/XAT (%ile)	MAT/CMAT/AT MA (%ile)	NMAT (Score)	GMAT (score)	SRMAP MAT/SRMJEEM (score in %age)	The Fee			
Category A	₹ 135,000	80.00-Above	85.00-Above	200 - Above	720-Above	85.00-Above	(Tuition+Hostel) is per- year fee			
Category B	₹ 270,000	75.00-79.99	80.00-84.99	190-199	700-719	80.00-84.99	applicable for all 2 years			
Category C	₹ 405,000	60.00-74.99	65.00-79.99	160-189	600-699	65.00-79.99				
Category D	₹ 540,000	<60.00	<65.00	<160	<600	<65.00				

**Note** - There are limited seats available for each category. If seats in a particular category are unavailable, seats in the next category with a higher fee would be allocated. Basic eligibility criteria need to be fulfilled for all categories.

## V. Scholarship Scheme & Other Scholarships for all Programmes

In our steadfast commitment to advancing education and empowering individuals, SRM University-*AP*, Andhra Pradesh, takes great pride in its unwavering support for students through the SRM University-*AP*, Andhra Pradesh Scholarship Scheme. Education is the cornerstone for personal and societal growth, and we ardently believe that every talented and ambitious individual deserves the opportunity to realise their academic aspirations.

Our scholarships extend beyond financial assistance. They symbolise our resolute dedication to cultivating knowledge, fostering innovation, and nurturing excellence. They encapsulate our vision of creating a brighter future by harnessing the potential of promising students and enabling them to achieve their fullest potential.

This scholarship initiative is thoughtfully crafted to acknowledge and aid exceptional students who have demonstrated outstanding academic achievements, leadership prowess, and a firm commitment to positively contributing to their communities. Through these scholarships, we aspire to inspire and empower the next generation of leaders, visionaries, and change agents. We firmly uphold that education is not solely an individual journey but a collective responsibility. By investing in the education of talented individuals, we are investing in a better future for all.

As we embark on this noble endeavour, we extend a warm invitation to eligible students to avail themselves of the various scholarship opportunities available wholeheartedly and resolutely. Together, we can shape a world that is brighter and more promising through the transformative power of education.

Join us in our mission to nurture academic excellence, cultivate leadership, and empower deserving individuals to ascend to new heights on their educational journeys.

#### Admission Booklet AY 2025 - 2026

Det	tails of Scholar		Concession Details									
Scholarship Type	Eligibility Criteria	Who are Eligible to apply	Remarks	Application Fees Concession	Admission Fees Concession	Tuition Fees Concession	Hostel and Mess Fees Concession	Hostel Caution Deposit Concession	Academic Caution Deposit Concession	Laundry Fees Concession	Examination Fees Concession	Remarks
Founders Scholarship	SMRJEEE Rank	All Boards	Awarded at the time of Admission	Nil	Nil	100%	100%	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions
Merit-based Scholarship	SMRJEEE Rank	All Boards	Awarded at the time of Admission	Nil	Nil	100%	Nil	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions
Academic Excellence Scholarship (Non- Engineering)	10+2/UG Marks	All Boards	Awarded at the time of Admission	Nil	Nil	0%-100%	Nil	Nil	Nil	Nil	Nil	All 4 Years
Equitable Representati on Scholarship	SRMJEEE Rank	Diversity Students	Awarded at the time of Admission	Nil	Nil	25%-90%	Nil	Nil	Nil	Nil	Nil	All 4 Years
Need-based Scholarships with condition	As per Program (SRMJEEE Rank/10+2/UG Marks)	All Boards	Awarded at the time of Admission	Nil	Nil	As per Approval	Nil	Nil	Nil	Nil	Nil	For economically weaker sections and recommendation s Scholarship Annual Renewal is subject to renewal conditions
Employee Ward Scholarships	As per Program (SRMJEEE Rank/10+2/UG Marks)	All Boards	Awarded at the time of Admission	Nil	Nil	As per HR Policy	Nil	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions

#### Admission Booklet AY 2025 - 2026

Deta	ails of Scholarshi	o Schem	e				Conce	ssion Deta	nils			
Scholarship Type	Eligibility Criteria	Who are Eligible to apply	Remarks	Application Fees Concession	Admission Fees Concession	Tuition Fees Concession	Hostel and Mess Fees Concession	Hostel Caution Deposit Concession	Academic Caution Deposit Concession	Laundry Fees Concession	Examinatio n Fees Concession	Remarks
Defence Scholarships	As per Program (SRMJEEE Rank/10+2/UG Marks)	All Boards	Awarded at the time of Admission	Nil	Nil	Upto 25%	Nil	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions
Sports scholarships	As per Program (SRMJEEE Rank/10+2/UG Marks)	All Boards	Awarded at the time of Admission	Nil	Nil	100%	100%	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions
Creative scholarships (Fine Arts)	Senior Students	All Boards	Awarded from 2nd year Onwards	Nil	Nil	Upto 100%	Nil	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions
PT Foundation	Recommendation	All Boards	Awarded at the time of Admission	100%	100%	100%	100%	100%	100%	Nil	100%	Scholarship Annual Renewal is subject to renewal conditions
Dr T R Paarivendhar Scholarship	Recommendation	All Boards	Awarded at the time of Admission	Nil	Nil	100%	100%	Nil	Nil	Nil	Nil	Scholarship Annual Renewal is subject to renewal conditions

Note: The scholarship is awarded for the first year at the time of admission and annual renewal is subjected to renewal conditions

## **Other Scholarships**

### A. Need-based Scholarship with Condition

**Objective**: Instituted in 2023, the scholarship aims to encourage and attract academically outstanding and deserving candidates who do not have the financial background to pay academic and non-academic fees.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who is eligible?

Students who are academically outstanding/recommended to pursue any programme in the university.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Academically outstanding/ Recommendation	<ul> <li>Student must fulfil the eligibility criteria for admission to first-year</li> <li>For BTech, attending SRMJEEE counselling is mandatory</li> </ul>	Awarding of Scholarship during counselling	<ul> <li>i. A student should have a minimum of 8.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii. A student should have maintained a minimum of aggregate 75% attendance across all courses in the previous year.</li> <li>iii. There should not be any disciplinary action against the student.</li> </ul>

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

### **B. Employee Ward Scholarship (EWS)**

**Objective:** Instituted in the year 2022 to promote higher, technical and professional education and provide employees with a feeling of bonding with the university. SRM University-*AP* encourages employees to avail themselves of the benefits of acquiring higher education for their children with SRM University-*AP* by providing fee concessions to their employees based on meeting the eligibility criteria at the time of admission.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who can apply?

All permanent employees (Teaching and Non-Teaching) working in SRM University-*AP*, Andhra Pradesh, with a minimum (3) years of experience in SRM University-*AP* at the time of applying.

**Conditions:** The employee will be eligible to get the fee concession for a maximum of 2 children (only in tuition fee) in their service period. Students applying for concession must have secured a minimum aggregate of [65% in Physics, Chemistry, Mathematics (PCM)/Physics, Chemistry, Biology (PCB)] in the last examination of the Board/University and aggregate for other programmes.

Note: Refer to HR Policy for detailed Regulations and Conditions

SI. No	Prerequisites	Prerequisites-Year of Continuous Service in SRM-AP			Additional Requirements/	Conditions for renewal			
			Concession Amount in Tuition Fee		Remarks				
			Employee		50%	75%	100%	Kelliarks	
1	<ul> <li>Student must fulfil the eligibility criteria for admission to first-year</li> </ul>	First Studying Child	Teaching Staff Non-Teaching Staff	> 3 Years	> 5 Years	> 10 Years	> 15 Years	Employees should fill in the Application in the HR Policy and submit it to the HR Department to avail of the	<ul> <li>Provided the employee continues his service throughout the period of study.</li> <li>A student should have a minimum of 8.00 CGPA at</li> </ul>
	<ul> <li>For BTech, attending</li> <li>SRMJEEE</li> </ul>	Second Studying Child	Teaching Staff	> 3 Years	> 5 Years	NA	NA	Scholarship	the end of the preceding academic year without any outstanding arrears.

the student.		counselling is mandatory	Non-Teaching Staff					iii. iv.	A student should have maintained a minimum aggregate 75% attendance across all courses in the previous year. There should not be an disciplinary action again the student.
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Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

### C. Defence Scholarship

**Objective:** To support students who need some financial concessions by way of recognition of their needs/ achievements.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who can apply?

Candidates whose parent is a Defence Personnel, in-service / retired are eligible to apply.

SI. No	Subcategory	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Defence Personnel	<ul> <li>Parent should be In- service/retired</li> <li>Student must fulfil the eligibility criteria for admission to first-year</li> <li>For BTech, attending SRMJEEE counselling is mandatory</li> </ul>	<ul> <li>Defense scholarship for 1<sup>st</sup> year at the time of enrollment</li> <li>Submit proof of being in service or having served</li> </ul>	<ul> <li>i. A student should have a minimum of 8.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii. A student should have maintained a minimum of aggregate 75% attendance across all courses in the previous year.</li> <li>iii. There should not be any disciplinary action against the student.</li> </ul>

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

## **D.** Sports Scholarship

**Objective:** To support students who need some financial concessions by way of recognition of their needs/ achievements.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who can apply?

Students who excel in sports.

SI. N	o Subcategory	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Sports	<ul> <li>Student must fulfil the eligibility criteria for admission to first- year</li> <li>For BTech, attending SRMJEEE counselling is mandatory</li> </ul>	<ul> <li>Under the University Sports quota, candidates can secure admission at SRM University-AP in two ways:</li> <li>Direct admission without Sports Trials</li> <li>Admission through Sports Trials</li> </ul>	<ul> <li>i. To meet the attendance requirement, a student should have upheld a minimum attendance rate of 50% for all courses during each semester in the preceding year(s). However, students who have actively engaged in competitions at various levels, including international, national, state, or district competitions, may be granted special consideration, allowing their attendance to drop no lower than 25%.</li> <li>ii. There should not have been any disciplinary action against the student.</li> </ul>

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

## E. Creative Scholarship (Arts and Culture)

**Objective:** Instituted in 2023, the scholarship aims to encourage and support students demonstrating exemplary talent in various art forms.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who can apply?

Students who demonstrate exemplary talent in art/culture, which are recognised at the state/national level by participating in cultural exchange programs, festivals in India & abroad, etc.

**Conditions:** Must apply every year within the stipulated date.

SI. No	Subcategory	Prerequisites	Additional Requirements/ Remarks	Conditions for Renewal
1	Art	<ul> <li>The art/culture must be recognised by the Ministry of Culture, Govt. of Andhra Pradesh or India.</li> <li>Should have participated and /or won in state / national</li> </ul>	<ul> <li>Must submit all relevant certificates of recognition or awards.</li> <li>Participated in the last</li> </ul>	<ul> <li>Must continue to participate and bring laurels to the university</li> <li>Must apply every year within the stipulated date</li> <li>There should not have been any disciplinary action</li> </ul>
2	Culture	<ul> <li>level competitions by representing SRM University- <i>AP</i>, Andhra Pradesh</li> <li>Should have a CGPA of&gt; 7 at the time of awarding the scholarship without arrears.</li> <li>No arrears/backlogs at the time of application.</li> </ul>	round in the national level event – 10% Scholarship.	against the student iv. A student should have a minimum of 7.00 CGPA at the
3	Achievements, accolades/special talents		<ul> <li>Won any medal – 25%</li> <li>Scholarship.</li> </ul>	end of the preceding academic year without any outstanding arrears

**Note:** If the student discontinues performance, they will be moved to the regular category where fees will be applicable as per programmes/norms. The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

## F. PT Foundation Scholarship

**Objective**: The scholarship aims to encourage and attract academically outstanding and deserving candidates who do not have the financial background to pay the academic and non-academic fees. The students are recommended by the PT Foundation.

**Applicability**: Applicable for the duration of the programme and renewed on meeting the renewal criteria.

#### Who can apply?

Students who apply through the PT Foundation and are recommended by the PT Foundation.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Academically outstanding and Recommended by the PT Foundation	<ul> <li>Student must fulfil the eligibility criteria for admission to first-year</li> <li>For BTech, attending SRMJEEE counselling is mandatory</li> </ul>	Awarding of Scholarship during counselling	<ul> <li>i. A student should have a minimum of 7.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii. A student should have maintained a minimum of aggregate 75% attendance across all courses in the previous year.</li> <li>iii. There should not be any disciplinary action against the student.</li> </ul>

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds.

### G. Dr T R Paarivendhar Scholarship

**Objective**: The scholarship aims to encourage and attract academically outstanding and deserving candidates who do not have the financial background to pay the academic and non-academic fees. The students are recommended through Foundations recognised by SRM University-*AP*.

**Applicability**: Applicable for the duration of the program and renewed on meeting the renewal criteria.

#### Who can apply?

Students who apply through Foundations recognised by SRM University-AP.

SI. No	Eligibility Criteria	Prerequisites	Additional Requirements/ Remarks	Conditions for renewal
1	Academically outstanding and Recommended by Foundation recognised by SRM University-AP	<ul> <li>Student must fulfil the eligibility criteria for admission to first-year</li> <li>For BTech, Attending SRMJEEE counselling is mandatory</li> </ul>	Awarding of Scholarship during counselling	<ul> <li>i. A student should have a minimum of 7.00 CGPA at the end of the preceding academic year without any outstanding arrears.</li> <li>ii. A student should have maintained a minimum of aggregate 75% attendance across all courses in the previous year.</li> <li>iii. There should not be any disciplinary action against the student.</li> </ul>

Note: The scholarship committee has the authority to set additional or relaxed criteria to optimise the number of beneficiaries and available funds

## **VI. HOSTEL FACILITY**

#### Hostel Fees 2025 – 26 (Subject to revision)

### (Domestic) - Hostel Fees (\*Hostel Facility for One Full Year Only)

No of Students Per Room	Type of Room	Room Rent (₹)	Mess Charges (₹)	Total Room Rent + Mess Charges (₹)	One-time Refundable Caution Deposit (₹)	Total Payable (₹)
	AC	1,25,000	70,000	1,95,000	10,000	2,05,000
2 Sharing	Non-AC	85,000	70,000	1,55,000	10,000	1,65,000
	AC	1,10,000	70,000	1,80,000	10,000	1,90,000
3 Sharing	Non-AC	75,000	70,000	1,45,000	10,000	1,55,000
	AC	1,00,000	70,000	1,70,000	10,000	1,80,000
4 Sharing	Non-AC	65,000	70,000	1,35,000	10,000	1,45,000
	AC	90,000	70,000	1,60,000	10,000	1,70,000
5 Sharing	Non-AC	55,000	70,000	1,25,000	10,000	1,35,000
6 Sharing	AC	80,000	70,000	1,50,000	10,000	1,60,000
	Non-AC	45,000	70,000	1,15,000	10,000	1,25,000
	AC	60,000	70,000	1,35,000	10,000	1,45,000
8 Sharing	Non-AC	30,000	70,000	1,00,000	10,000	1,10,000
4 Sharing Bunker	AC	65,000	70,000	1,35,000	10,000	1,45,000
Bed	Non-AC	45,000	70,000	1,15,000	10,000	1,25,000
6 Sharing Bunker Bed (Common Washroom)	AC	60,000	70,000	1,30,000	10,000	1,40,000
8 Sharing Bunker Bed (Common Washroom)	AC	55,000	70,000	1,25,000	10,000	1,35,000
10 Sharing Bunker	AC	45,000	70,000	1,15,000	10,000	1,25,000
(6+4)	Non-AC	25,000	70,000	95,000	10,000	1,05,000

Note: Hostel Fees for AY 2025-26 will be updated on the website

## **VII. TRANSPORT FACILITY**

A student can be a dayboarder and use transport facilities from Vijayawada, Guntur, Tadepalli, Tenali, and Raintree Park.

TRANSPORT FEE 2025 – 26 (Subject to revision)

(\*Transportation Fee for One Full Year)

01 - 30 Kms Distance Both Way	₹ 60,000/-
31 - 60 Kms Distance Both Way	₹ 65,000/-
61 - Above Kms Distance Both Way	₹ 70,000/-

\*Transportation Fees for AY 2025-26 will be displayed on the website

Transport Pickup Points: https://srmap.edu.in/file/2020/03/SRM-UNIVERSITY-AP-transport12.pdf?x50382

## **VIII. ADDITIONAL CHARGES\*** (Subject to revision)

Other Fees/ Charges for Students	
One-time Registration Fee (Non-refundable)	₹ 10,000
Academic Caution Deposit (Refundable)	₹ 5,000
Hostel Laundry Fee per year	₹ 4,300
Student Insurance per year	₹ 700

\*The charges for AY 2025-26 will be displayed on the website

I. In case any taxes are levied or fees are charged by the Central/State/Local Authorities/Overseas Authorities from time to time, the same shall also be borne by the students, as applicable.

**Note:** The fees stated here are indicative and can be revised in the future at the university's sole discretion.

- II. The above fees and charges are related to the regular academic calendar.
- III. The fees do not include the cost of a laptop, books, and study material.
- IV. The fees do not include any additional programmes undertaken at SRM University-AP.
- V. The fees do not cover expenses incurred for internships, projects, or any international trips undertaken during the duration of the programme.
- VI. Hostel rooms will be assigned on a first-come-first-serve basis, subject to the availability of rooms at the time of the request.
- VII. Transportation will be provided based on the availability of seats.

## **IX. APPLICATION FEE**

#### ₹ 1400 (Non-Refundable)

## X. HOW TO APPLY

- a) Applicants can access the online application portal via https://srmap.edu.in/indian-admission/
- b) For specific details, applicants are advised to read the admission application form carefully.

## **XI. REFUND POLICY**

The SRM University-AP Fee Refund Policy for freshers is based on UGC Guidelines.

#### **Refund Policy:**

- a. Any student admitted to any of the programmes offered by the University may apply for a refund from studies at any time during the academic year of admission or later.
- b. Application form for refund must be in the prescribed format and duly signed by the student and the parent.
- c. Application for refund may be made either by applying along with the duly filled and signed prescribed format in person by the student or his/her authorised representative or by applying online.
- d. In case a programme is called off due to any reason (s), the full fee deposited by the student shall be refunded.

#### **Refund Procedure:**

The refund money will be transferred to the bank account as per the cancelled cheque leaf submitted at the time of counselling/admission.

#### The refund of money will be affected only by RTGS / NEFT.

The paperwork for refund will be initiated ONLY on the date of receipt of the following documents by the Director of Admissions, SRM University-AP:

- All receipts towards the payment of fees
- Counselling Call Letter
- Provisional Allotment Letter (PAL)
- Cheque leaf (cancelled) of the bank to which the transfer of money is to be done (in case money needs to be refunded to some other account).
- Money will not be refunded to the student or business accounts. Please share details of the account details (cancelled cheque leaf) of the parents/authorised representative of the student.

SRM University-*AP* will not be responsible for the change/misrepresentation of account information as received and confirmed by the student/authorised representative of the student.

If all documents submitted for refund are in order, then the time taken to process and effect the transfer of refund money will be 30 working days. **Kindly** note that it is the sole responsibility of the candidate to submit all required documents for the timely processing of the refund.

#### TIMELINE FOR REFUND OF TUITION FEES

#### Last date of admission: [To be notified]

SI. No	Percentage of Refund of Tuition Fees	Point of time when notice of withdrawal of admission is received in the HEI
1	100%*	15 days or more before the last date of admission
2	90%	Less than 15 days before the last date of admission
3	80%	15 days or less after the last date of admission
4	50%	30 days or less but more than 15 days after the last date of admission
5	0%	More than 30 days after being formally notified

\* In case of (1) in the table above, the University shall deduct an amount of ₹ 10,000/- as an admission fee, which is not refundable.

#### Note:

- a) The last date of admission for AY 2025-26 shall be notified or as per UGC notification for AY 2025-26. The university reserves the right to change/alter the above-mentioned date.
- b) Fees shall be refunded by the University to an eligible student within thirty working days from the date of receiving a written application from him/her in this regard.

#### **Refund of Hostel Room Rent:**

- Hostel Room Facility for one full year- Non-Refundable: Upon successful completion of enrolment, any fee paid towards hostel booking is non-refundable from the date of commencement of classes or student reporting to the campus, whichever is earlier.
- Full Hostel Fees will be refunded if the student withdraws before the commencement of the classes or student reporting to the campus, whichever is earlier.

#### Refund of Hostel-Mess Fee:

- Mess Facility for one full year- Non-Refundable: Once the Hostel room allotment is completed, the hostel mess fee is non-refundable.
- Mess Facility for Final year students: Final year students who are on internship, the mess facilities will be charged for the semester.

#### **Refund of Hostel and Academic Caution Deposit:**

• Refundable upon clearance of no Dues from Hostel and Academic Departments and after deductions for any damages to the premises and wear and tear, as confirmed by the Directorate of Student Affairs/Directorate of Campus Life Management (CLM). If any other fee is outstanding from the student to the university, the same will be adjusted, and only the balance will be paid.

#### Refund of Transport Fee:

- Transport facility for one full year- Non-Refundable: Once the fee for utilising the transport facility is paid, the transport fee is non-refundable, even if the student does not use the transport facility for a single day.
- For final-year students who opt for an internship, the transport fee shall be charged semester-wise.

#### Some other important points

- Refunds will be processed online through bank transfer after the application or documents are verified and the dues process is completed.
- No interest shall be payable on the refund of any fees.
- The University reserves all rights to modify and amend the Fee Refund Policy.
- The decision of the Vice Chancellor is final in all refund-related matters.

## Application For Withdrawal and Fee Refund

SRM UNIVERSITY-AP Directorate of Admissions FORM 101 APPLICATION FOR WITHDRAWAL AND FEE REFUND							
1	APPLICATION NO (As in Provisional Allotment Order)						
2	NAME OF THE CANDIDATE						
3	NAME OF THE PARENT						
4	BRANCH CHOSEN DURING COUNSELING						
5	REASON FOR WITHDRAWAL						
		Name of bank:					
		DD NO	DD DATE		DD AMOUNT		
6	DETAILS OF FEES PAID TO THE UNIVERSITY						
7	FEE PAID DETAILS - ONLINE	TRANSACTI	<u>ON ID NO AND DA</u>	<u>TE</u>			
MODE	OF REFUND						
	IF RTGS/NEFT (Please specify in the follow	ing details)					
	BANK DETAILS: RTGS/ NEFT						
	NAME OF THE BENEFICIARY						
	ACCOUNT NUMBER						
8	NATURE OF ACCOUNT	SAVIN	IG ACCOUNT	Cl	JRRENT ACCOUNT		
	IFSC CODE						
Ŭ	NAME OF THE BANK						
	NAME OF THE BRANCH(PLACE)						

	BANK ADDRESS					
9	ENCLOSURE CHECKLIST	1. C	ORIGINAL PROVISIONAL ALLOTMENT ORDER			
		2. 0	DRIGINAL FEES PAID RECEIPT / ONLINE RECEIPTS			
Please provide any one of the following documents for RTGS/NEFT						
Cancelled cheque leaf/ Bank passbook front page.						
Bank certificate informing the above-mentioned details.						
YES, I went through the refund policy thoroughly, and I						
accept it.						
Date:			Signature of the Student/ Parent:			
Place:			Phone no:			

## XII. APPENDIX 1: SRMJEEE/SRMAPET

## SRM University-AP Entrance Exam (SRMJEEE/SRMAPET) 2025

Mode of Examination	Online Computer-Based Proctored Examination		
Duration	2 Hours 30 Minutes		
Question Type	Objective Type Multiple Choice Questions		
	Total Marks – 130 Marks		
Maulting Calegory	Correct Answer - 1 Mark		
Marking Scheme	Incorrect/Negative Answer - 0 Mark (No negative marking)		
	Not Answered - 0 Mark		

#### SRMJEEE 2025 marking scheme and marks weightage:

Subject	No. of Questions	Marks Per Questions
Physics	35	1
Chemistry	35	1
Mathematics/Biology	40	1
Aptitude & English	20	1
Total	130	130

**Note:** Applicants can register for SRMJEEE/SRMAPET 2025 by filling out and submitting the application form online.

#### **Entrance Exam Rules**

#### 1. Entrance Examination Rules

a) Candidates will be taking a computer-based online test.

#### 2. Hall Ticket

- a) The hall ticket will be issued only to those eligible candidates who have submitted their application form, complete in all respects, on or before the last date as specified.
- b) The hall ticket will contain the name, photograph, and address of the candidate.
- c) The hall ticket should be downloaded from the candidate's login /dashboard.
- d) Once received, it should be carefully examined by the candidate. If any discrepancy is noticed, it should immediately be brought to the notice of the Directorate of Admissions.
- e) The hall ticket is not transferable to any other person. Impersonation is a legally punishable offence.
- f) If the candidate does not receive the hall ticket due to an incomplete application, the university is not responsible for informing students about their incomplete applications. Candidates are advised to double-check that the application form is complete in all respects before posting it.

#### 3. Results

- a) A merit list will be prepared based on the total marks secured in the SRMJEEE (UG)/SRMAPET.
- b) Students in the merit list would be intimated of the rank.

Login credentials for applicant dashboard: As sent to your e-mail address.

#### Use login id and password to:

View your application details.

Book exam slot, download and print your hall ticket.

View your results and counselling details. Download and take a printout of rank card, counselling call letter and related information for

your use.

Refer to SRM AP's official website to know about the courses offered and eligibility for BTech Programmes.

#### 4. SYLLABUS FOR ENTRANCE EXAMINATION SRMJEEE (UG) B.TECH.

#### **PHYSICS (35 Questions)**

#### Unit 1: Units and Measurement,

**Mechanics:** Units for measurement, system of units-S.I., fundamental and derived units, measurements - errors in measurement - significant figures, dimensions - dimensional analysis - applications.

Laws of Motion: Concept of force-Newton's laws of motion - projectile motion-uniform circular motion - friction - laws of friction - applications - centripetal force.

Work, Energy and Power: Work - energy- potential energy and kinetic energy – power - collision-elastic and inelastic collisions.

#### Unit 2: Gravitation, Mechanics of Solids and Fluids Gravitation

**Gravitation:** The universal law of gravitation, acceleration due to gravity - variation of 'g' with altitude, latitude and depth - gravitation potential - escape velocity and orbital velocity - geostationary satellites.

**Mechanics of solids and fluids**: Hooke's law - Modulli of elasticity - surface tension capillarity - applications – viscosity - Poiseuille's formula - Stokes law applications - streamline and turbulent flow - Reynolds number - Bernoulli's theorem - applications.

#### **Unit 3: Electrostatics**

Electric charge - Conservation laws - Coulomb's law-principle of superposition – Distribution of charges in a conductor and action at points - continuous charge distribution - electric field - electric field lines - electric dipole -electric field due to a dipole - torque on a dipole in a uniform electric field - Electric flux - Gauss's theorem - field due to infinitely long straight wire - uniformly charged infinite equipotential surfaces-Electric potential Energy- Dielectrics and electric polarization - capacitors and capacitance - combination of capacitors in series and in parallel - capacitance of a parallel plate capacitor with and without dielectric medium - energy stored in a capacitor.

#### **Unit 4: Current Electricity**

Electric current - drift velocity - mobility - Ohm's law -V-I characteristics - electrical energy and power - electrical resistivity and conductivity - temperature dependence - Internal resistance of a cell - potential difference and emf of a cell - combination of cells in series and in parallel - Kirchhoff's laws – applications – Wheatstone bridge-Meter bridge- Potentiometer-comparison of EMF of two cells - measurement of internal resistance of a cell - Thermo electric current.

#### **Unit 5: Magnetism and Magnetic effects of current**

Earth's magnetic field and magnetic element - tangent law, tangent galvanometer deflection magnetometer - Magnetic effects of electric current – Biot Savart's law - moving coil galvanometer - conversion of a galvanometer into voltmeter and ammeter- Ampere's Law

#### Unit 6: Electromagnetic Induction, Alternating Currents and Electromagnetic Waves

Electromagnetic induction - Faraday's laws, induced EMF and current - Lenz's Law - Eddy currents - Self and mutual induction - Alternating currents, peak and RMS value of alternating current/voltage - reactance and impedance - LC oscillations - LCR series circuit - resonance - AC generator and transformer - Electromagnetic waves – characteristics - Electromagnetic spectrum.

#### **Unit 7: Optics**

Reflection of light - refraction of light -total internal reflection- optical fibers - refraction at spherical surfaces – lenses - thin lens formula - lensmaker's formula - magnification - power of a lens - combination of thin lenses in contact - refraction of light through a prism Wave front and Huygen's principle - reflection and refraction of plane wave at a plane surface- laws of reflection and refraction using Huygen's principle – Interference - Young's double slit experiment and expression for fringe width - diffraction due to a single slit -width of central maximum-Polarisation.

#### Unit 8: Dual Nature of Radiation and Matter & Atomic Physics

Dual nature of radiation - Photoelectric effect - Hertz and Lenard's observations - Einstein's photoelectric equation-particle nature of light. Matter waves-wave nature of particles - de-Broglie relation- Alpha-particle scattering experiment - Rutherford's model of atom - Bohr model - hydrogen spectrum.

#### Unit 9: Nuclear Physics

Nuclear radius, mass, binding energy, density, isotopes, mass defect- Bainbridge mass spectrometer-nuclear forces neutron discovery- artificial radioactivityradio isotopes-radio carbon dating-radiation hazards. Nuclear fission- nuclear reactor-nuclear fusion-hydrogen bomb - cosmic rays-elementary particles.

#### **Unit 10: Electronic Devices**

Semiconductors-doping-types-intrinsic semiconductor-extrinsic semiconductor-PN junction diode – biasing-diode as a Rectifier – Special purpose PN junction diodes – LED – photodiode - solar cell- transistors-transistor characteristics -logic gates- basic logic gates-NOT, OR, AND, NOR, NAND- universal gates-De Morgan's theorem.

#### **CHEMISTRY (35 Questions)**

#### Unit 1: Solutions

Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties - relative lowering of vapour pressure, Raoult's law, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties.

#### **Unit 2: Electrochemistry**

Redox reactions, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis, Electrolytic cells and Galvanic cells, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, Corrosion.

#### **Unit 3: Chemical Kinetics**

Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary and mathematical treatment), Activation energy, Arrhenius equation.

#### **Unit 4: Surface Chemistry**

Adsorption - physisorption and chemisorption, factors affecting adsorption of gases on solids, Catalysis, colloidal state distinction between true solutions, colloids and suspension; lyophilic, lyophobic multi-molecular and macromolecular colloids; properties of colloids; Tyndall effect, Brownian movement, electrophoresis, coagulation.

#### Unit 5: p - Block Elements

Group 16 Elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties, dioxygen: Preparation, Properties and uses, classification of Oxides, Ozone, Sulphur - allotropic forms; compounds of Sulphur: Preparation Properties and uses of Sulphurdioxide, Sulphuric Acid: industrial process of manufacture, properties and uses; Oxoacids of Sulphur (Structures only). Group 17 Elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens, Preparation, properties and uses of Hydrochloric acid, interhalogen compounds (structures only). Group 18 Elements: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, and uses.

#### Unit 6: 'd' and 'f' Block Elements

General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first-row transition metals - metallic character, ionisation enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation.

#### **Unit 7: Coordination Compounds**

Coordination compounds: Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT, structure and stereoisomerism.

#### **Unit 8: Haloalkanes and Haloarenes Haloalkanes**

Haloalkanes: Nomenclature, nature of C-X bond, physical and chemical properties, mechanism of substitution reactions, optical rotation. Haloarenes: Nature of C-X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

#### **Unit 9: Alcohols, Phenols and Ethers**

Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration.

Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophillic substitution reactions, uses of phenols.

Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.

#### Unit 10: Aldehydes, Ketones and Carboxylic Acids

Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses.

Carbolic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

#### Unit 11: Organic compounds containing Nitrogen

Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines, Diazomium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

#### **Unit 12: Biomolecules**

Carbohydrates - Classification (aldoses and ketoses), monosaccahrides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates.

Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins

Nucleic Acids: DNA and RNA.

Vitamins- Classification and functions.

#### **MATHEMATICS (40 Questions)**

#### Unit 1: Sets, Relations and Functions

Sets and their representations, Cartesian product of sets, union, intersection and their algebraic properties, relations, equivalence relations, mappings, oneone, into and onto mappings, composition of mappings.

#### **Unit 2: Complex Numbers and Quadratic Equations**

Complex numbers in the form a+ib and their representation in a plane. Quadratic equation in real and complex number system and their solutions. Algebraic properties of complex numbers, Relation between roots and coefficients, nature of roots, formation of quadratic equations with given roots; symmetric functions of roots, equations reducible to quadratic equations.

#### Unit 3: Matrices, Determinants and their applications

Determinants and matrices of order two and three, minors, cofactors and applications of determinants in finding the area of a triangle, equality, types zero and identity matrix, transpose, symmetric and skew symmetric. Evaluation of determinants. Addition and multiplication of matrices, simple properties, adjoint and inverse of matrix, solution of simultaneous linear equations using determinants and matrices using inverses. Consistency of system of linear equations by rank method.

#### **Unit 4: Combinatorics**

Permutations and Combinations: Fundamental principle of counting: permutation as an arrangement without repetitions and constraint repetitions, no circular permutations. Combination as selection, problems in P(n,r) and C(n,r), factorial, simple applications.

#### Unit 5: Algebra

Theory of Equations: The relation between the roots and coefficients in an equation. Solving the equations when two or more roots of it are connected by certain relation. Equation with real coefficients, occurrence of complex roots in conjugate pairs and its consequences. Transformation of equations – Reciprocal Equations.

#### Unit 6: Differential Calculus and its applications

Polynomials, rational, trigonometric, logarithmic and exponential functions. Inverse functions. Graphs of simple functions. Limits, continuity, differentiation of the sum, difference, product and quotient of two functions, differentiation of trigonometric, inverse trigonometric, logarithmic, exponential, composite and implicit functions, upto second order derivatives.

**Applications of Differential Calculus:** Rate of change of quantities, monotonic–increasing and decreasing functions, maxima and minima of functions of one variable, tangents and normal, Rolle's and Lagrange's mean value theorems. Ordinary differential equations, order and degree. Formation of differential equations, solution of differential equations by the method of separation of variables. Solution of homogeneous and linear differential equations and those of the type dy/dx + p(x)y=q(x).

#### **Unit 7: Integral Calculus and its applications**

Fundamental integrals involving algebraic, trigonometric, exponential and logarithmic functions. Integration by substitution, integration using trigonometric identities, properties of definite integrals. Evaluation of definite integrals excluding application of definite integrals.

#### **Unit 8: Analytical Geometry**

**Straight Lines in Two Dimensions:** Straight line - Normal form – Illustrations. Straight line - Symmetric form. Straight line - Reduction into various forms. Intersection of two Straight Lines. slope of a line, parallel and perpendicular lines, intercepts of a line on the coordinate axes. Family of straight lines - Concurrent lines. Condition for Concurrent lines. Cartesian system of rectangular coordinates in plane, distance formula, area of a triangle and condition for the collinearity of three points and section formula, Concurrent lines - properties related to a triangle. centroid and incentre of a triangle, locus and its equation.

**Circles in Two Dimensions:** Standard form of the equation of a circle, general form of the equation of a circle, its radius and centre, equation of a circle in the parametric form, equation of a circle when the endpoints of a diameter are given, points of intersection of a line and a circle with the centre at the origin and condition for a line to be tangent to the circle.

**Conic Sections in Two Dimensions:** Sections of cones, equations of conic sections (parabola, ellipse and hyperbola) in standard form. Problems using their geometrical properties.

**Three Dimensional Geometry:** Direction Cosines, Direction ratios, Line Joining two coins, Catersian equation and vector equation of a line, skew lines, shortest distance between two lines, angle between two lines.

#### Unit 9: Vector Algebra

Vectors and scalars, addition of vectors, Direction cosines and direction ratios of a vector. Components of a vector in two dimensions and three-dimensional space, scalar and vector products, scalar and vector triple product. Application of vectors to plane geometry.

**Unit 10: Statistics and Probability Distribution** Measures of Central Tendency and Dispersion: Calculation of mean, median and mode of grouped and ungrouped data. Calculation of standard deviation, variance and mean deviation for grouped and ungrouped data. Probability: Probability of an event, addition and multiplication theorems of probability and their applications; Conditional probability; Baye's theorem, probability distribution of a random variable; The Bernoulli distribution Binomial, Poisson and Normal distributions and their properties.

#### **Unit 11: Trigonometry**

Trigonometry ratios, compound angles, solution of triangles, Trigonometric identities and equations-Inverse trigonometric functions definition range and domain Properties of triangles, including incentre, circumcenter and orthocenter, solution of triangles Problems related to Heights and distances.

#### ENGLISH & APTITUDE (20 Questions)

Questions in this part are Comprehension type questions in the form of short passages or lines of poems or a dialogue. The candidate should read the given text and answer the set of Questions. Each question has four choices, out of which the best answer is to be chosen.

#### APTITUDE

**1. Number System** Properties of numbers, Divisibility rules, Unit digit, Euclid's algorithm, LCM and GCD

**2. Statistics** Arithmetic mean, weighted mean, Geometric mean

**3. Percentage** Percentage change increase or decrease

**4. Profit and Loss** Computing percentage of profit or loss and profit/loss value

**5. Quadratic Equation** Nature of roots, Relationship between roots and coefficients, Solutions of quadratic equation

**6. Geometry** Similar triangles, Lines and angles, Circles and Quadrilaterals

**7. Arrangement** Ordering, Grading and Ranking, coding and decoding

8. Direction Sense test Finding direction, distance or both

**9. Linear Equation** Solving simultaneous equations, Test of consistency, problems on ages

**10. Trigonometry** Values of trigonometric ratios, Identities, Heights and distances

# **Contact Details**

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## **Social Media**



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